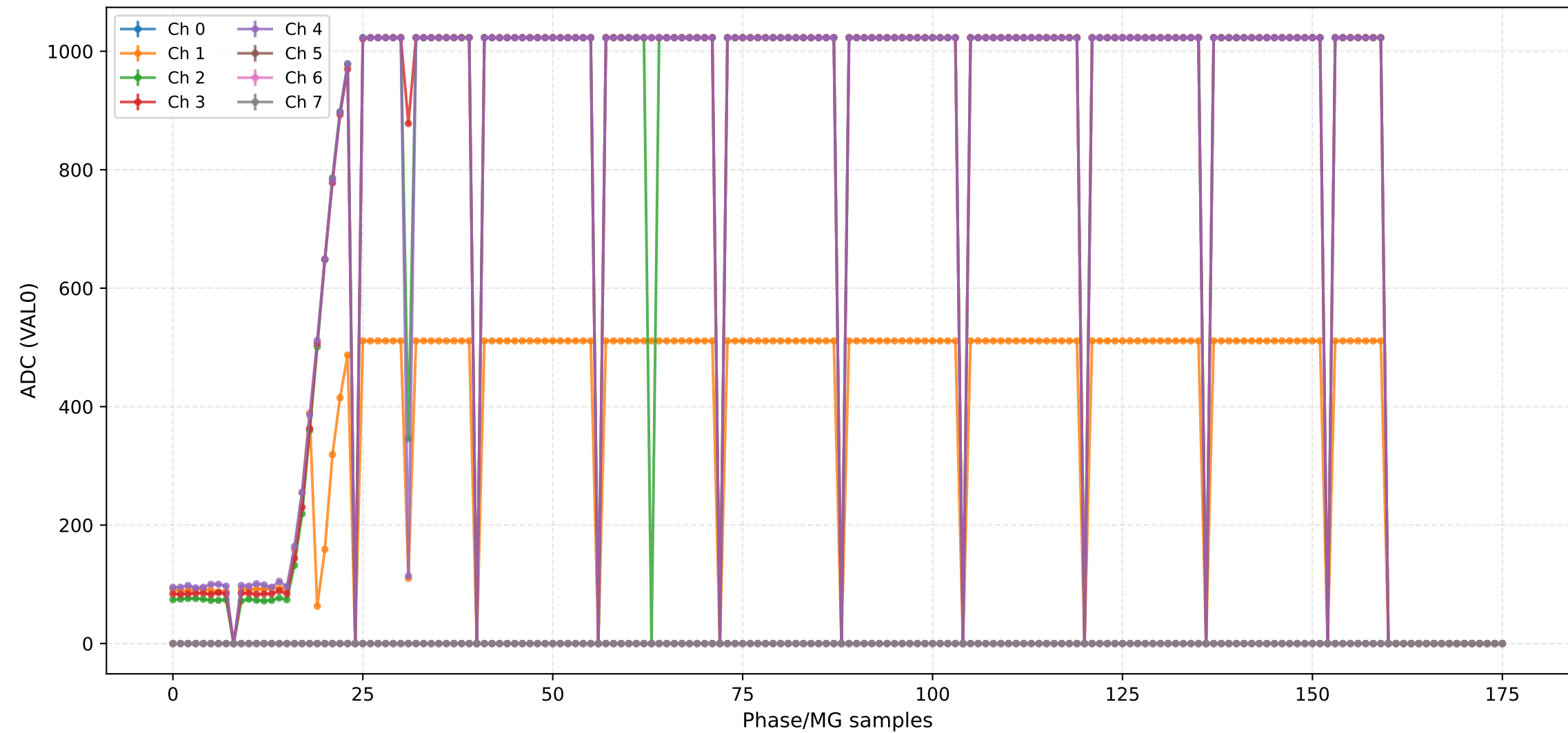


ADC (VAL0) - Channels 0 to 7



### ADC (VAL0) - Channels 8 to 15



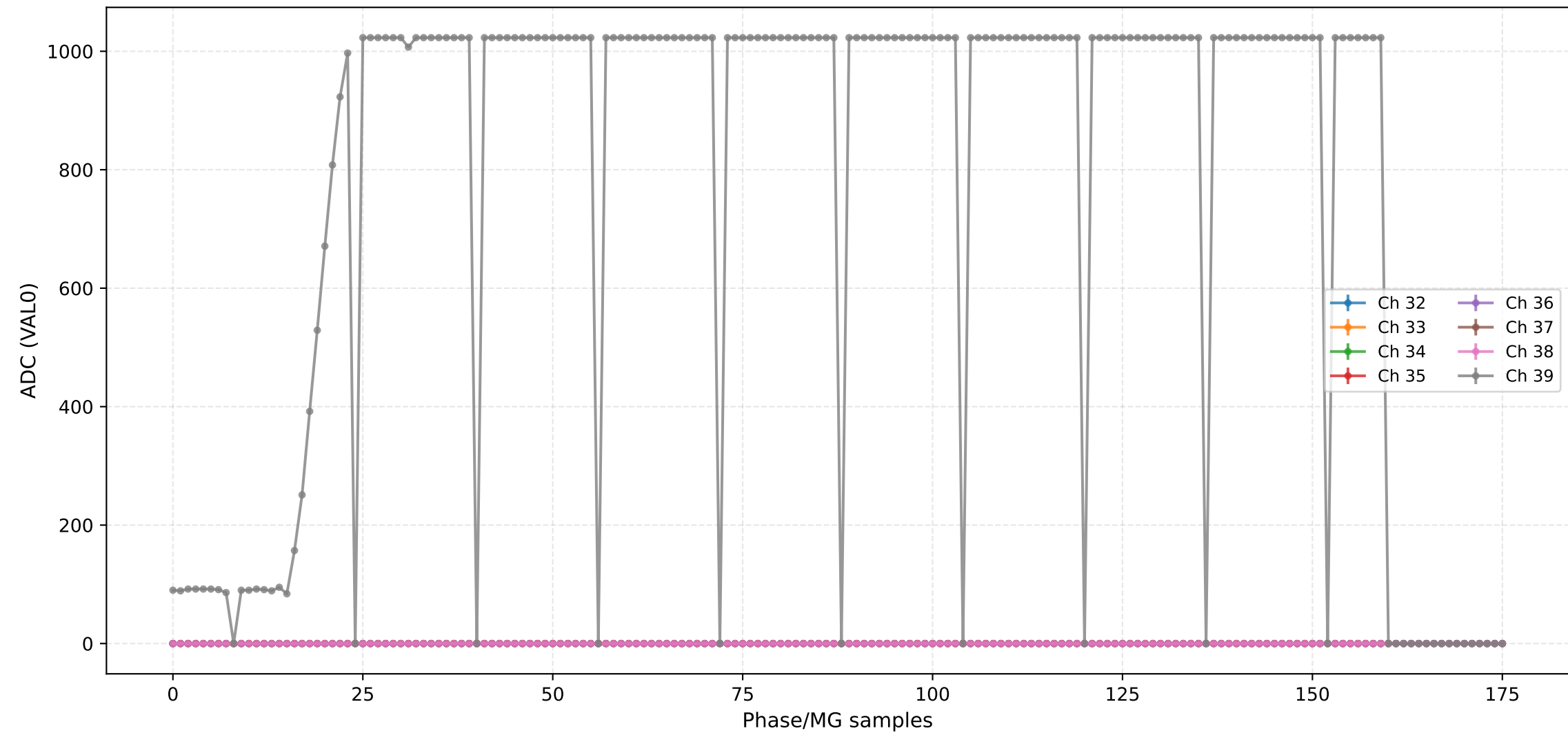
### ADC (VAL0) - Channels 16 to 23



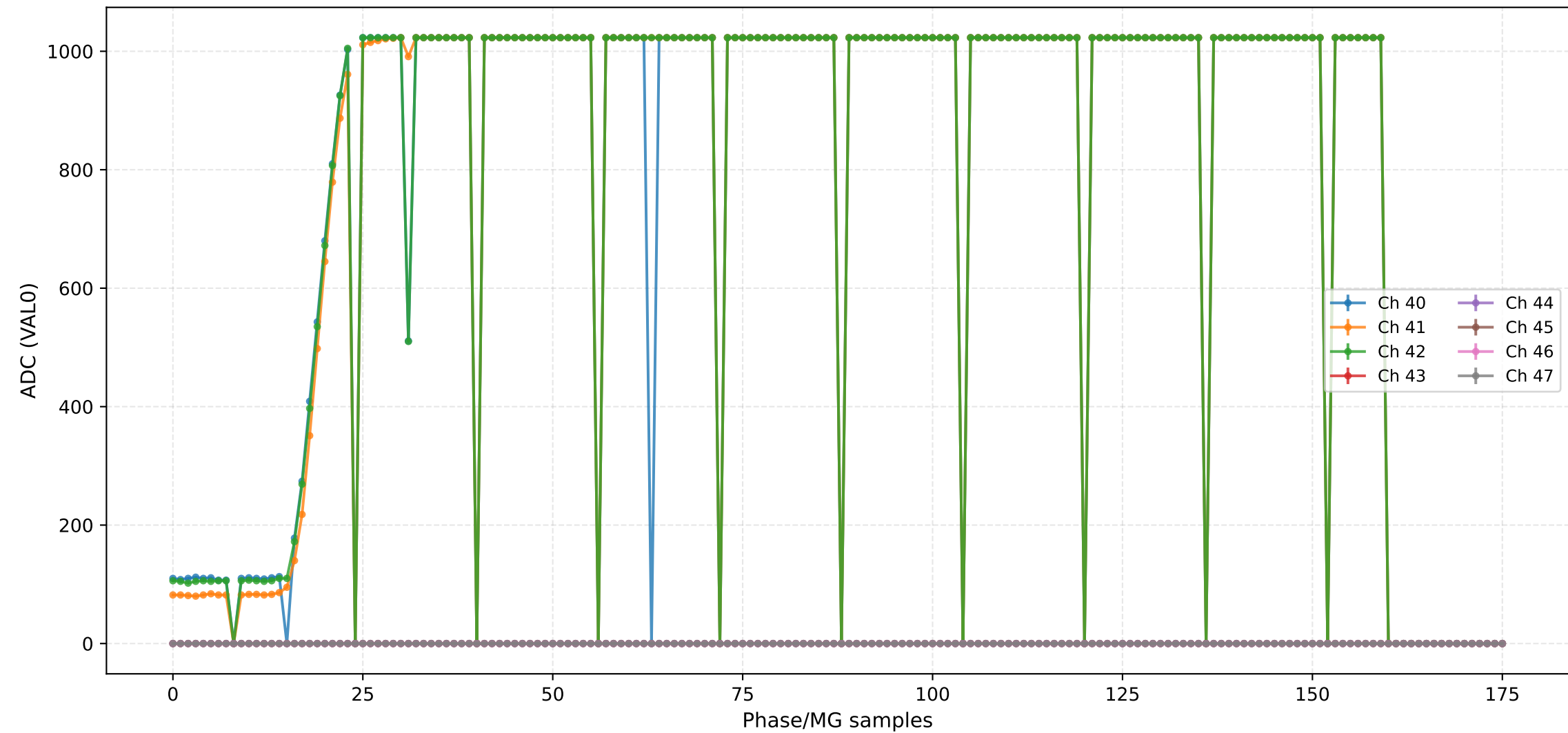
### ADC (VAL0) - Channels 24 to 31



## ADC (VAL0) - Channels 32 to 39



ADC (VAL0) - Channels 40 to 47



## ADC (VAL0) - Channels 48 to 55



## ADC (VAL0) - Channels 56 to 63

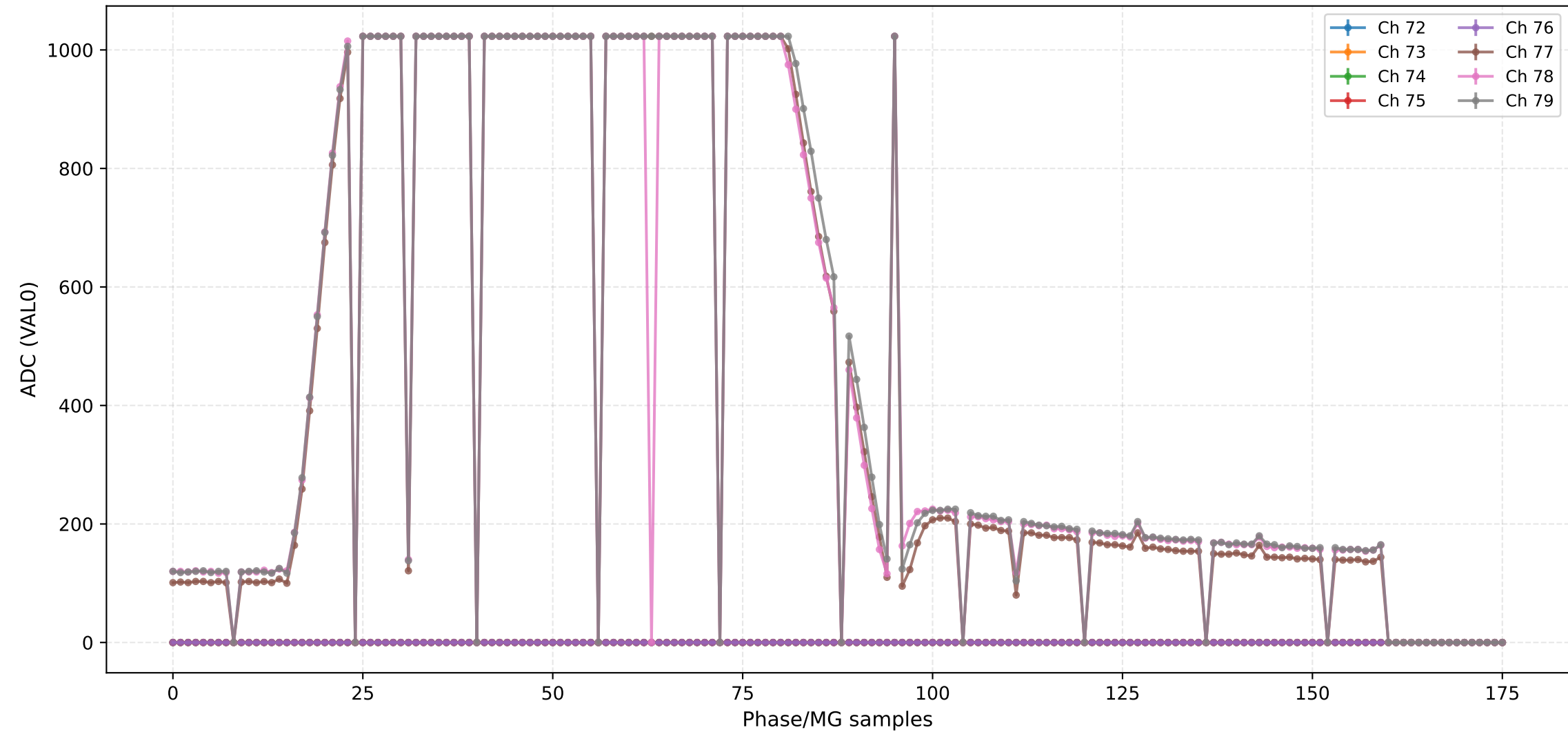




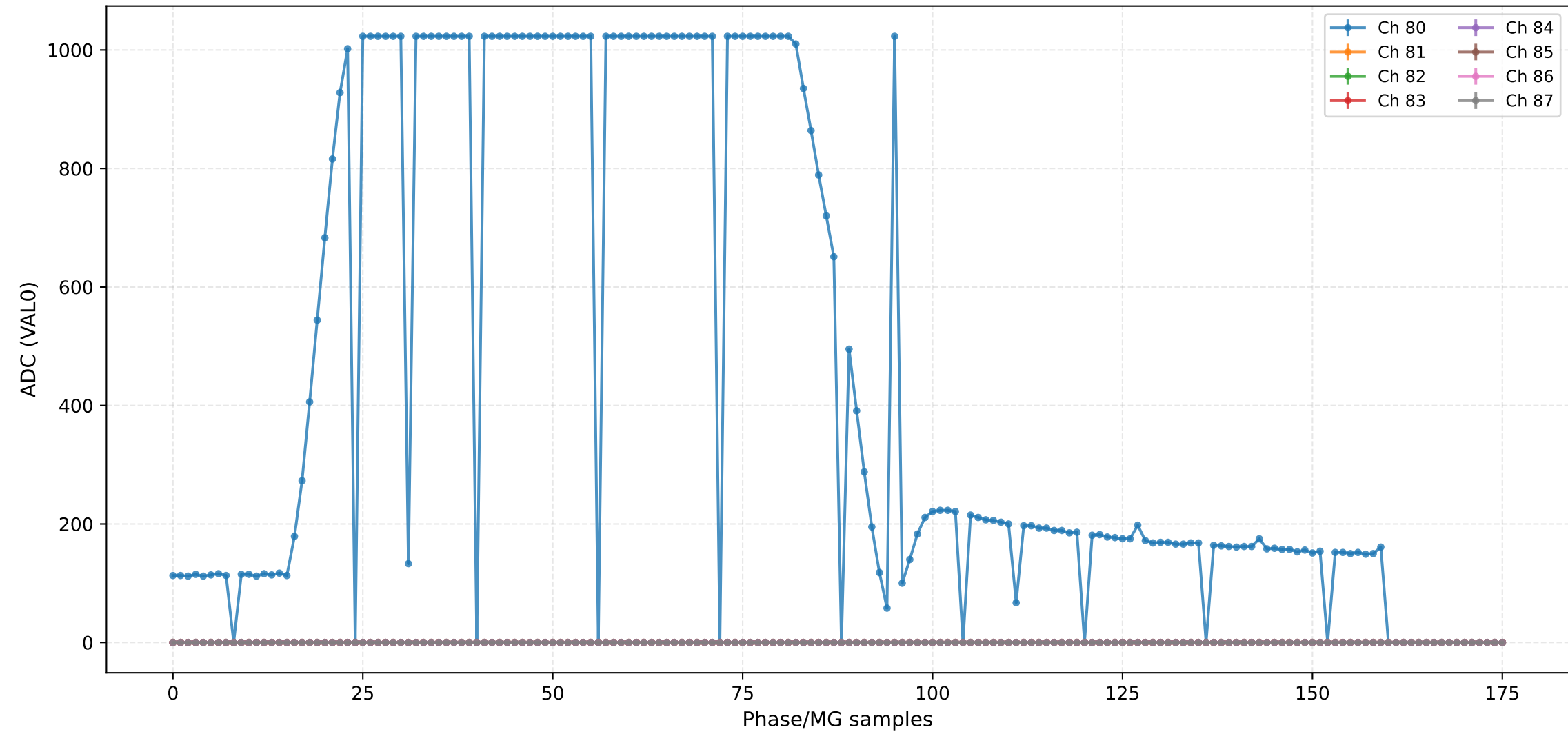
### ADC (VAL0) - Channels 64 to 71



### ADC (VAL0) - Channels 72 to 79



## ADC (VAL0) - Channels 80 to 87



### ADC (VAL0) - Channels 88 to 95



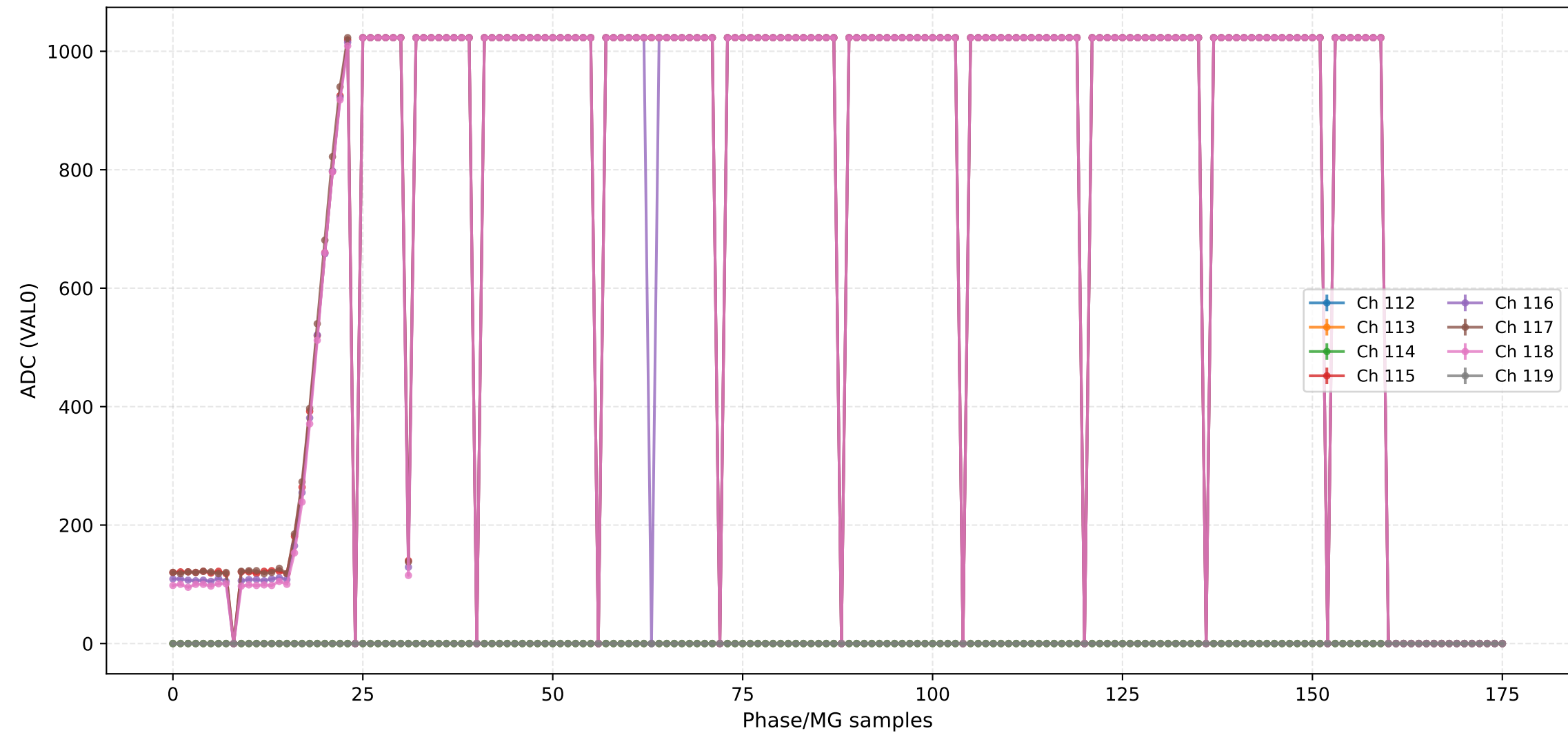
## ADC (VAL0) - Channels 96 to 103



### ADC (VAL0) - Channels 104 to 111



ADC (VAL0) - Channels 112 to 119



## ADC (VAL0) - Channels 120 to 127





### ADC (VAL0) - Channels 128 to 135



## ADC (VAL0) - Channels 136 to 143



### ADC (VAL0) - Channels 144 to 151





ToT (VAL1) - Channels 8 to 15



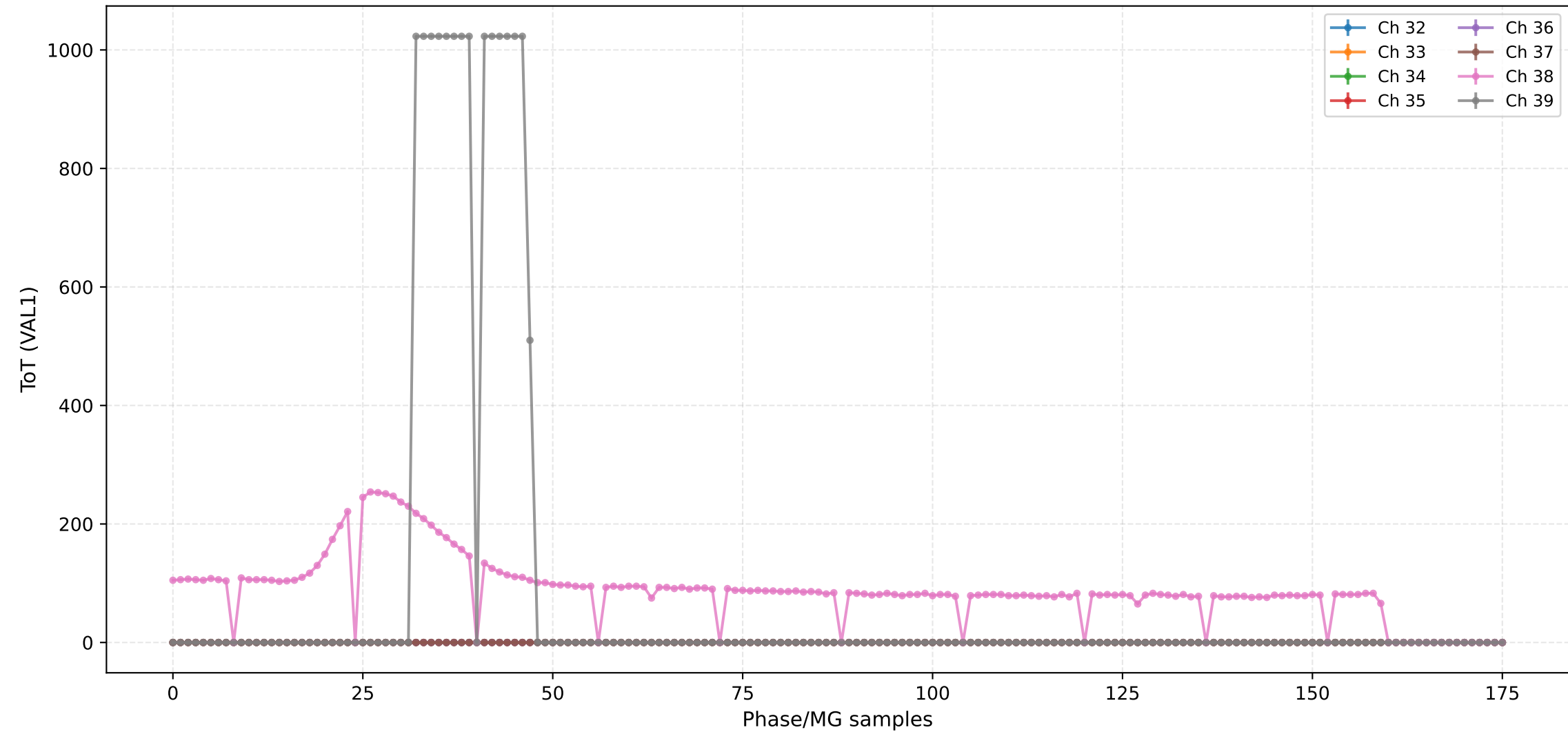
## ToT (VAL1) - Channels 16 to 23



ToT (VAL1) - Channels 24 to 31



### ToT (VAL1) - Channels 32 to 39







ToT (VAL1) - Channels 48 to 55



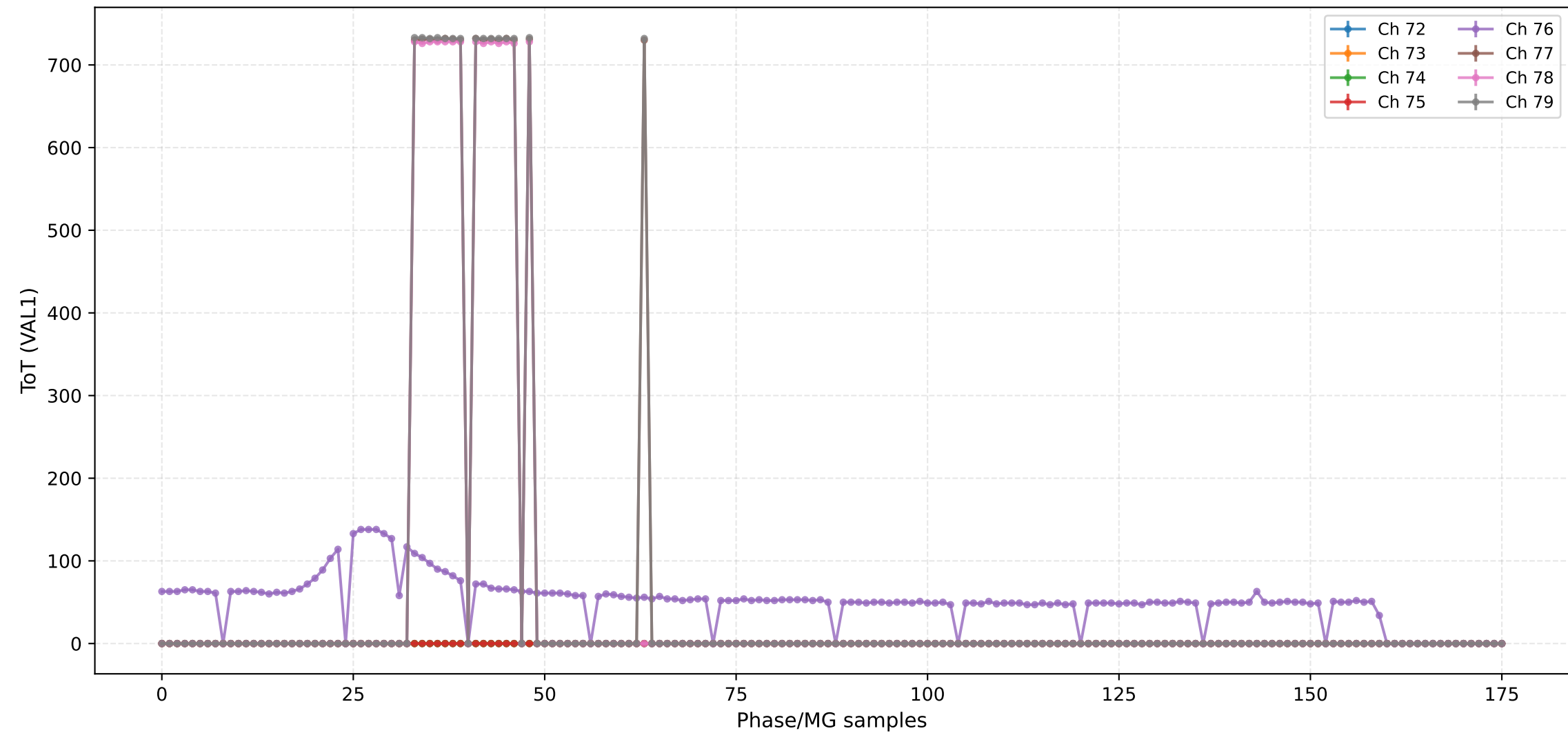
## ToT (VAL1) - Channels 56 to 63



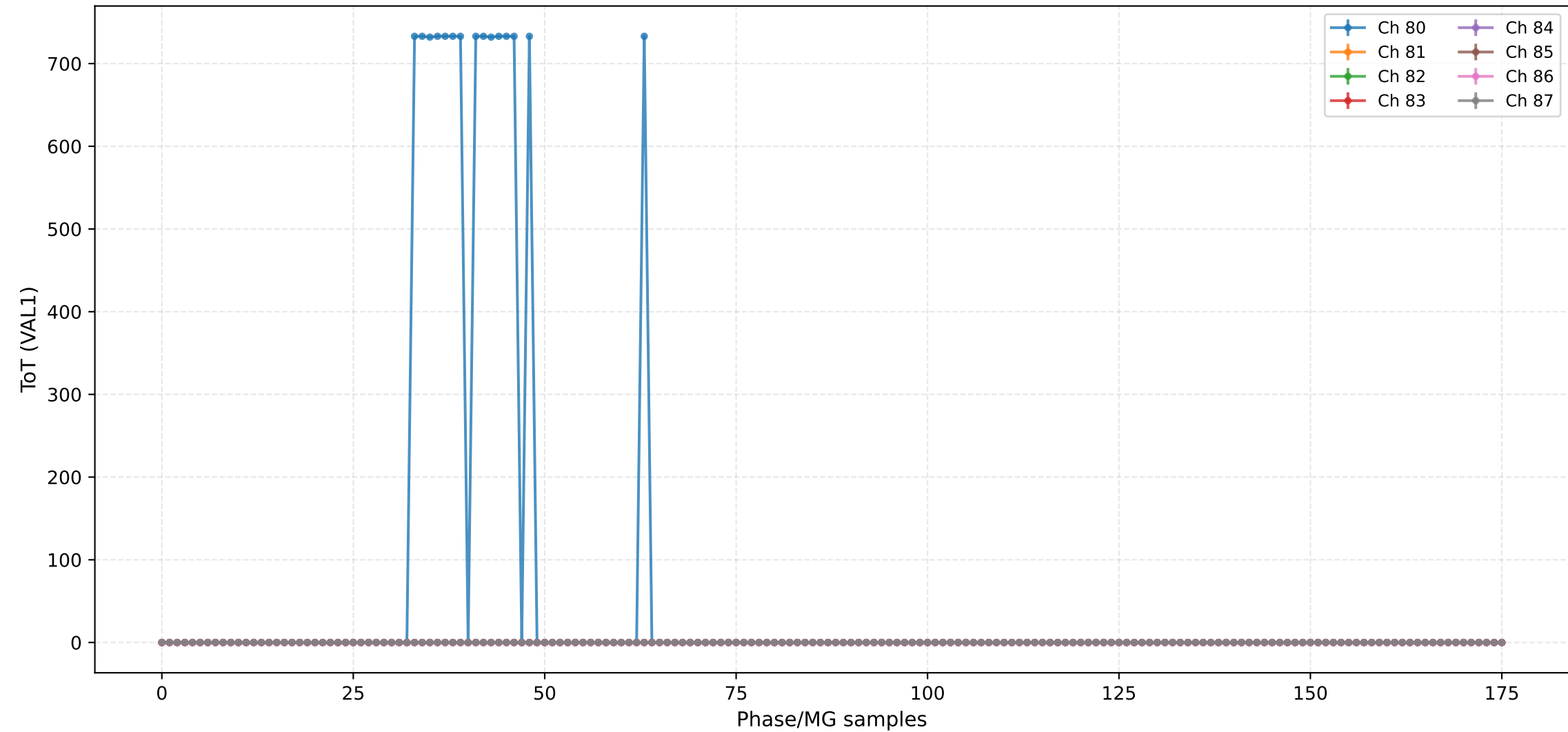
## ToT (VAL1) - Channels 64 to 71



ToT (VAL1) - Channels 72 to 79



## ToT (VAL1) - Channels 80 to 87



ToT (VAL1) - Channels 88 to 95



## ToT (VAL1) - Channels 96 to 103

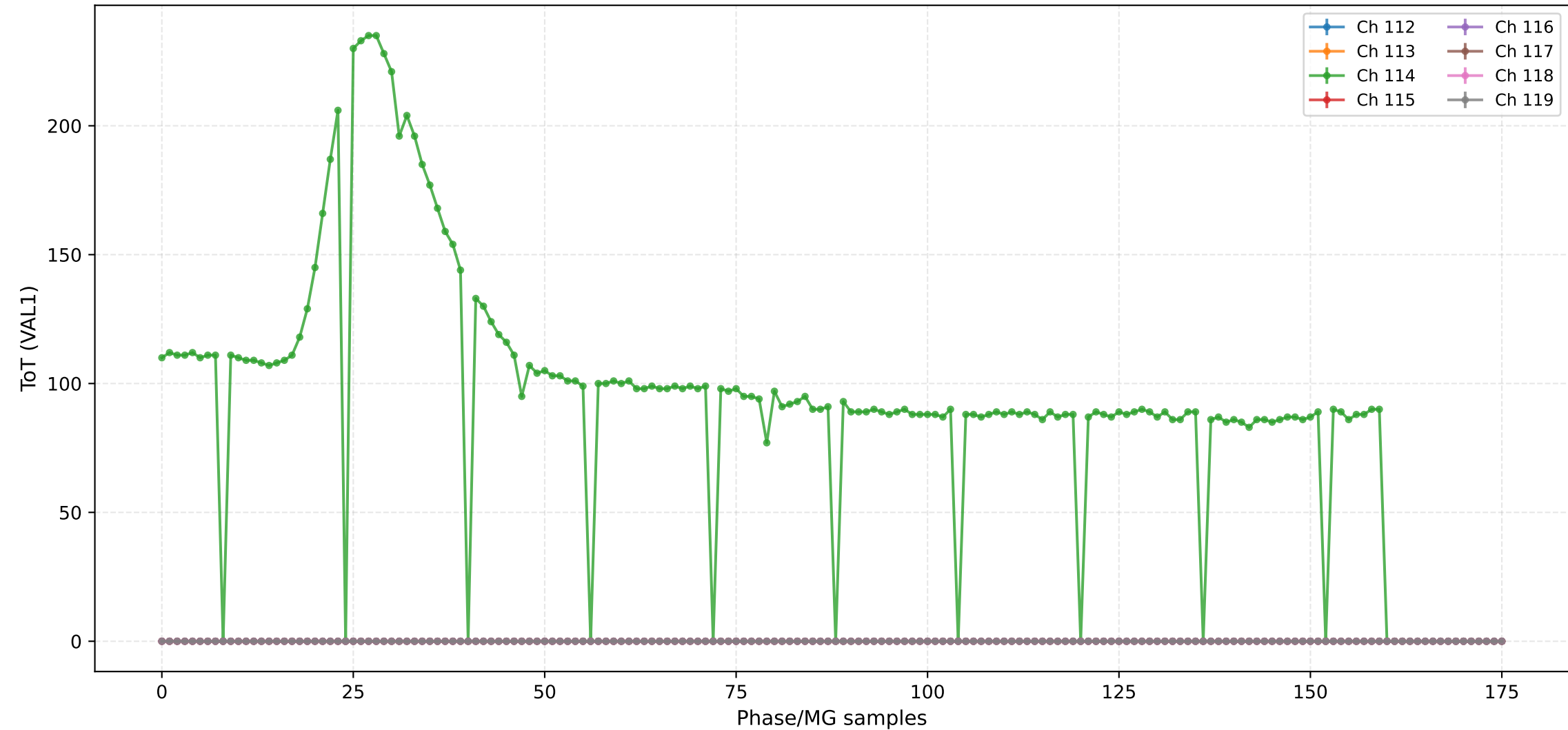




## ToT (VAL1) - Channels 104 to 111



### ToT (VAL1) - Channels 112 to 119



## ToT (VAL1) - Channels 120 to 127



ToT (VAL1) - Channels 128 to 135



ToT (VAL1) - Channels 136 to 143



ToT (VAL1) - Channels 144 to 151





## ToA (VAL2) - Channels 8 to 15





ToA (VAL2) - Channels 16 to 23

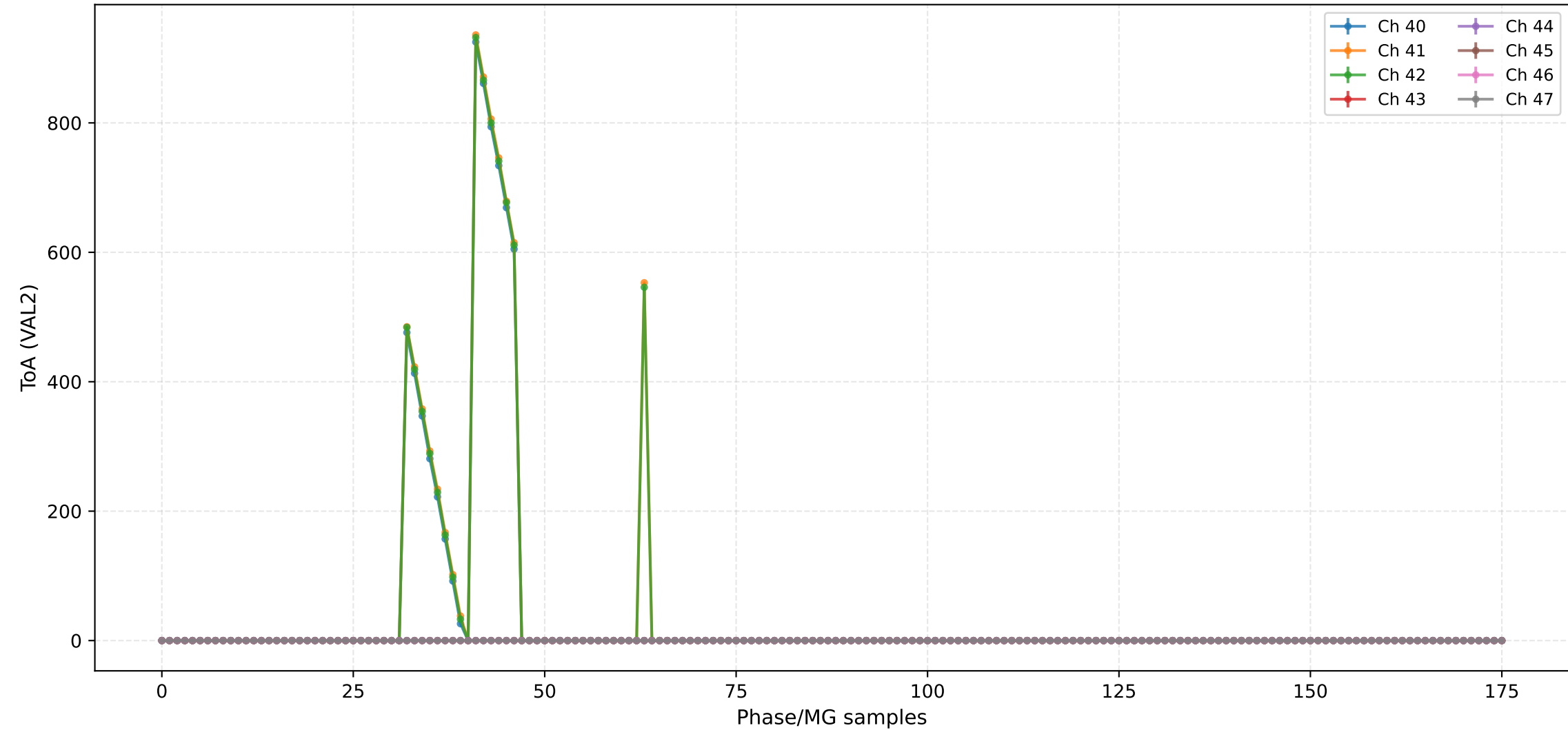


### ToA (VAL2) - Channels 24 to 31





## ToA (VAL2) - Channels 40 to 47



## ToA (VAL2) - Channels 48 to 55



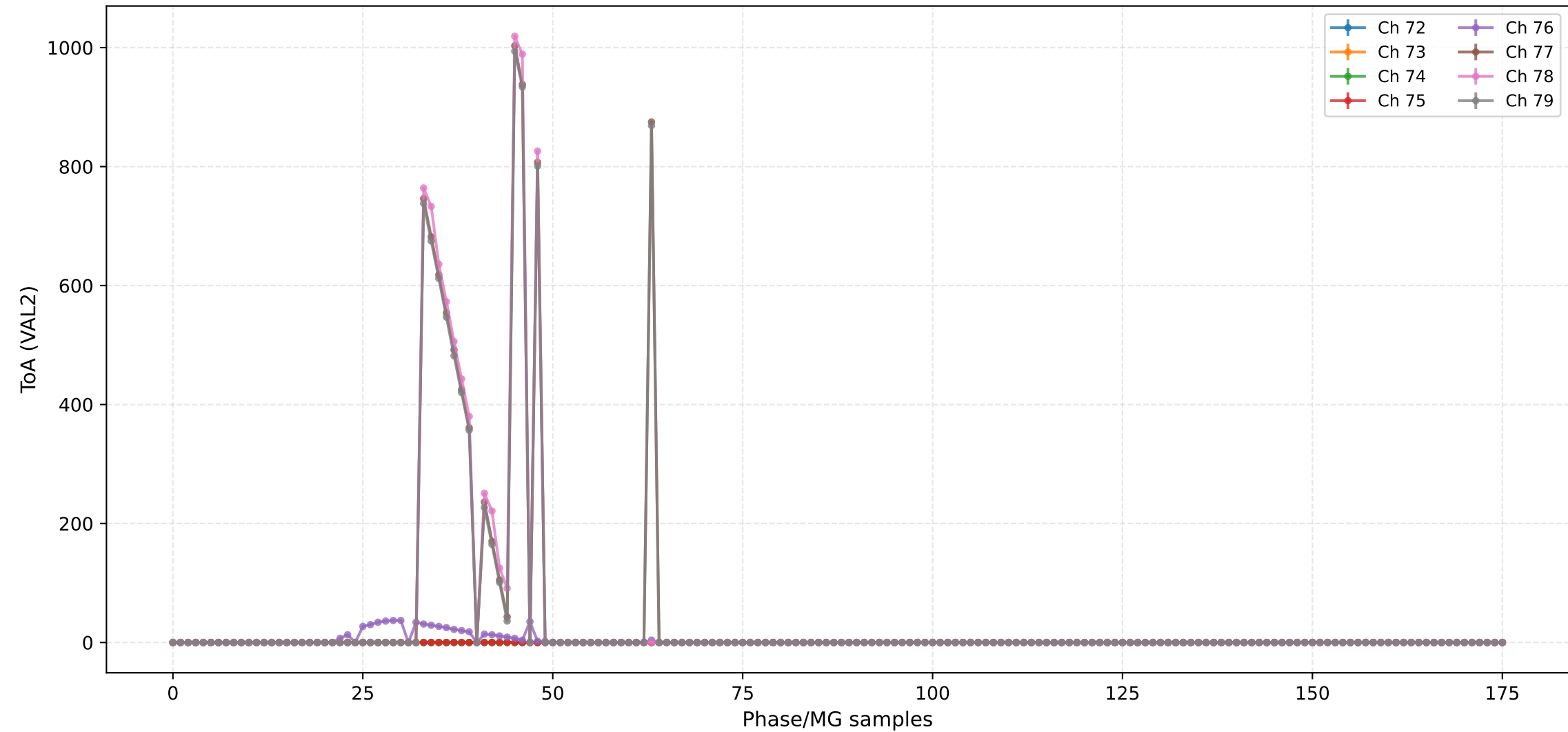
## ToA (VAL2) - Channels 56 to 63



## ToA (VAL2) - Channels 64 to 71

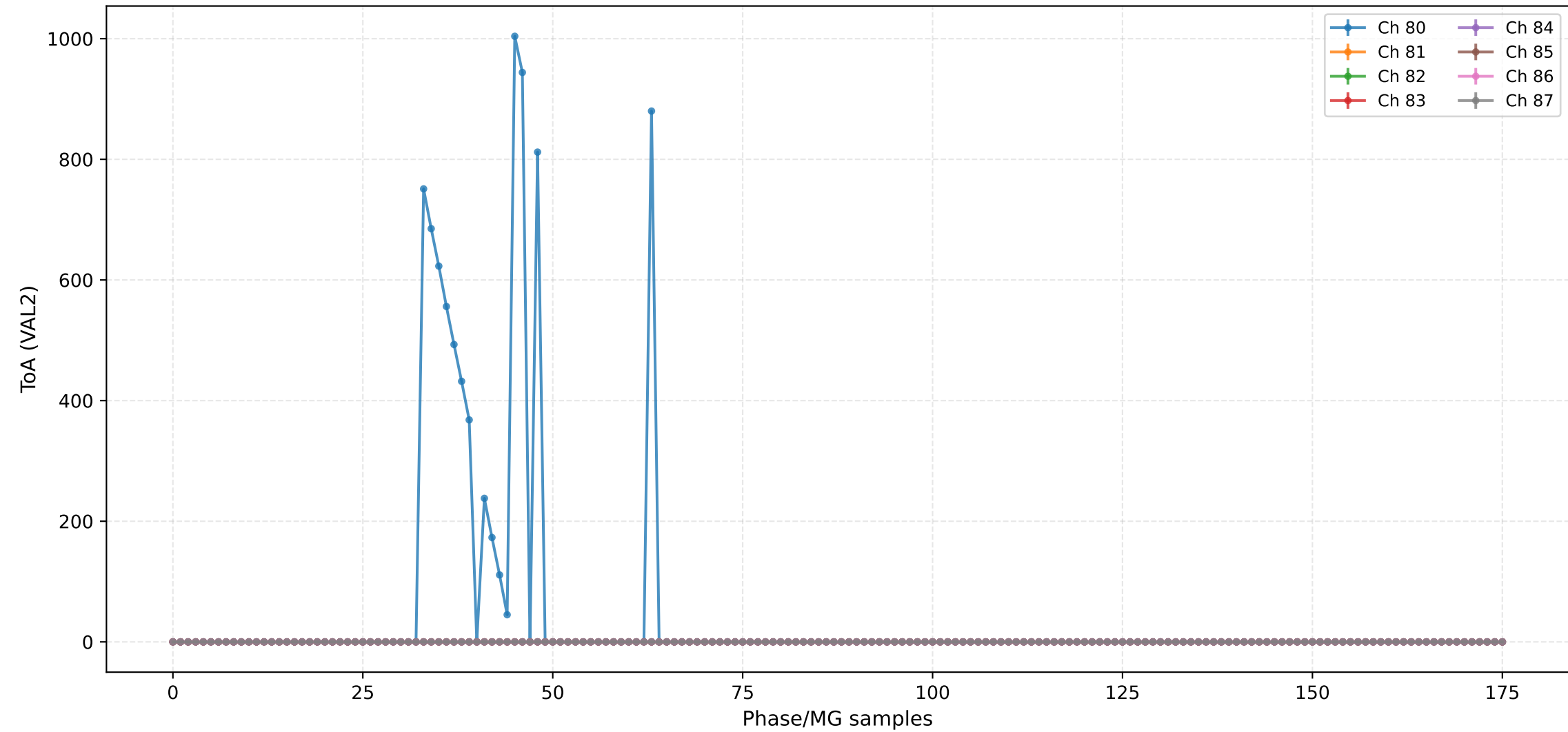


ToA (VAL2) - Channels 72 to 79





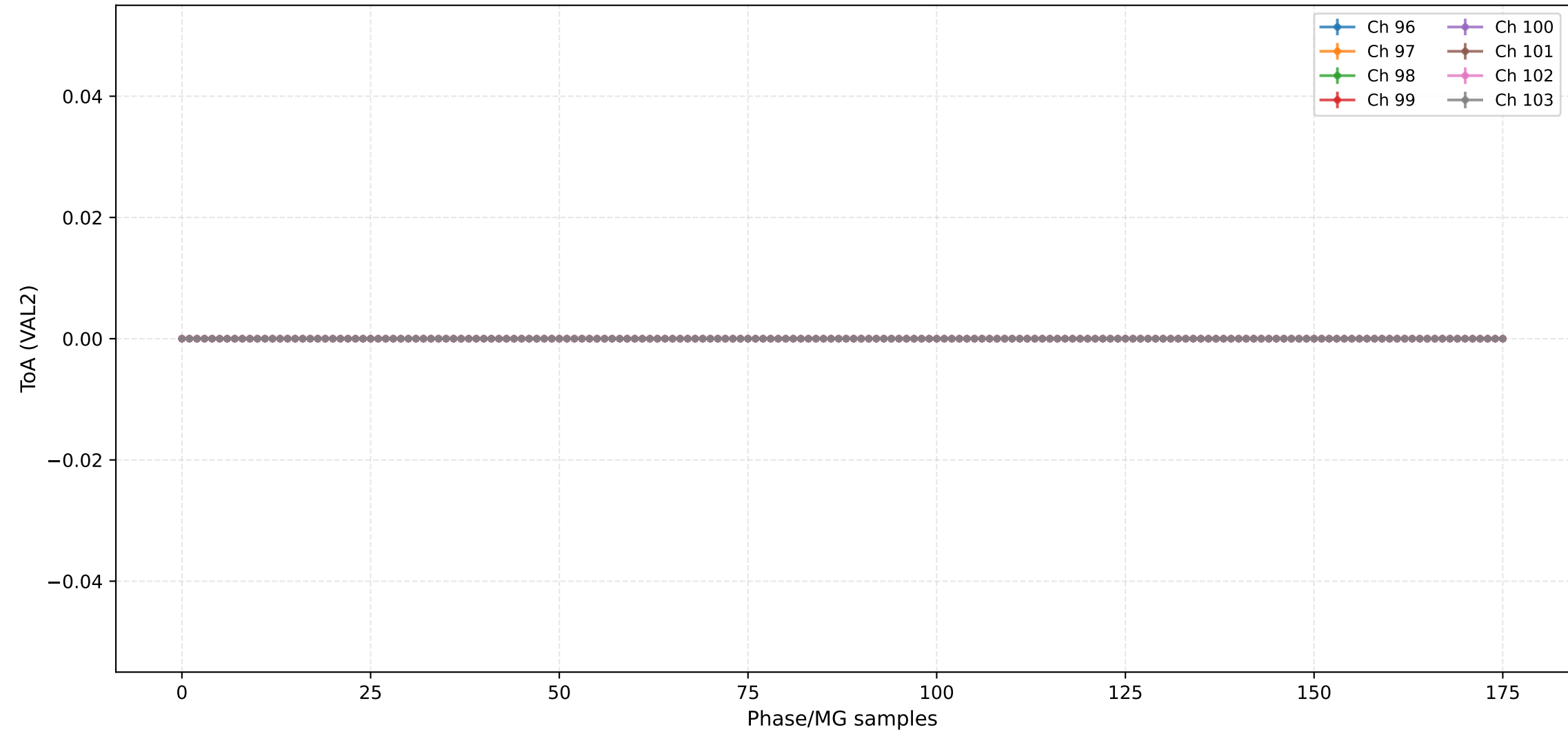
## ToA (VAL2) - Channels 80 to 87



## ToA (VAL2) - Channels 88 to 95



## ToA (VAL2) - Channels 96 to 103



ToA (VAL2) - Channels 104 to 111





ToA (VAL2) - Channels 120 to 127



The figure displays a plot of the expectation value of the Pauli matrix  $\sigma_y$  over time for six channels. The x-axis, labeled 'Time', ranges from 0 to 150. The y-axis, labeled 'Expectation value', ranges from -1 to 1. A horizontal dashed line at  $y=0$  indicates the zero expectation value. All six channels (Ch 128, Ch 129, Ch 130, Ch 131, Ch 132, and Ch 133) maintain a constant expectation value of 0 throughout the time interval shown.



## ToA (VAL2) - Channels 136 to 143





## ToA (VAL2) - Channels 144 to 151



## Injection Scan Results

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Script: 205\_Injection v1.0

Date: 2025-12-11 22:56:35

### Configuration:

- Total ASICs: 2
- Injection DAC: 2900
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 10
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac2900\_mg10\_pack2\_chn10\_val0.csv
- 205\_Injection\_asic2\_injdac2900\_mg10\_pack2\_chn10\_val1.csv
- 205\_Injection\_asic2\_injdac2900\_mg10\_pack2\_chn10\_val2.csv